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FAX TRANSMISSION

10/553400

DATE: December 19, 2005**PTO IDENTIFIER:** Application Number 10/553,400
Patent Number**Inventor:** Alain Morel**MESSAGE TO:** US/RO**FAX NUMBER:** (703) 305-3230**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
Morris Liss**PHONE:** (202) 331-7111**Attorney Dkt. #:** 21029-00304-US1**PAGES (Including Cover Sheet):** 13**CONTENTS:** Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)
Application Data Sheet (2 pages)
Oath or declaration of the inventor(s) (5 pages)
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Certificate of Transmission (1 page)

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PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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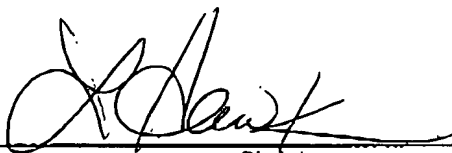
Application No. (if known): 10/553,400

Attorney Docket No.: 21029-00304-US1

Certificate of Transmission under 37 CFR 1.8

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on December 19, 2005
Date



Signature

Lisa Hawkins

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Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)
Application Data Sheet (2 pages)
Oath or declaration of the inventor(s) (8 pages)
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PTO-1390 (Rev. 07-2005)

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| | | |
|---|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 21029-00304-US1 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/553,400 |
| INTERNATIONAL APPLICATION NO. PCT/FR04/000866 | INTERNATIONAL FILING DATE 7 April 2004 | PRIORITY DATE CLAIMED 18 April 2003 |
| TITLE OF INVENTION METHOD FOR CONTROLLING THE HOMOGENEITY OF THE TEMPERATURE OF PRODUCTS IN A METALLURGICAL REHEATING FURNACE, AND REHEATING FURNACE | | |
| APPLICANT(S) FOR DO/EO/US Alain Morel | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |

PTO-1390 (Rev. 07-2005)

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|---|--------------|---|--------------|---|--------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/553,400 | | INTERNATIONAL APPLICATION NO. PCT/FR04/000866 | | ATTORNEY'S DOCKET NUMBER 21029-00304-US1 | |
| 20. <input type="checkbox"/> Other items or information: | | | | | |
| 21. <input type="checkbox"/> The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300 | | | | \$ | |
| 22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200 | | | | \$ | |
| 23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500 | | | | \$ | |
| TOTAL OF 21, 22 and 23 = | | | | \$ | 0.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250.00 | \$ | |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | \$ | 130.00 |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total claims | | - 20 = | | x | |
| Independent claims | | - 3 = | | x | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 130.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3. | | | | | |
| SUBTOTAL = | | | | \$ | 130.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ | 130.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ | 130.00 |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged | \$ |

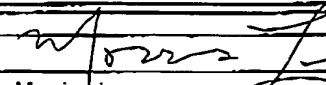
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| | | | |
|---|--|--------------------------|--------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005 | | Complete if Known | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Application Number | |
| | | 10/553,400 | |
| | | Filing Date | |
| | | October 17, 2005 | |
| | | First Named Inventor | |
| | | Alain Morel | |
| | | Examiner Name | |
| | | Not Yet Assigned | |
| | | Art Unit | |
| | | N/A | |
| TOTAL AMOUNT OF PAYMENT | | (\$) | 130.00 |
| | | Attorney Docket No. | |
| | | 21029-00304-US1 | |

| | |
|--|--|
| METHOD OF PAYMENT (check all that apply) | |
| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____ | |
| <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0185</u> Deposit Account Name: <u>Connolly Bove Lodge & Hutz LLP</u> | |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee | |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments | |

| | | | | | | | |
|---|---|---|----------------------|-----------------------------------|-------------------------|---------------------|---------------------------------|
| FEE CALCULATION | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | |
| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
| | | <u>Small Entity</u> | | <u>Small Entity</u> | | <u>Small Entity</u> | |
| <u>Application Type</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fees Paid (\$)</u> |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |
| 2. EXCESS CLAIM FEES | | | | | | | |
| | | | | | | | <u>Small Entity</u> |
| | | | | | | | <u>Fee (\$)</u> <u>Fee (\$)</u> |
| Each claim over 20 (including Reissues) | | | | | | | 50 25 |
| Each independent claim over 3 (including Reissues) | | | | | | | 200 100 |
| Multiple dependent claims | | | | | | | 360 180 |
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | | | |
| _____ - 20 = _____ | x _____ | = _____ | | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | |
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | | |
| _____ - 3 = _____ | x _____ | = _____ | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | |
| _____ - 100 = _____ | /50 | _____ (round up to a whole number) x _____ | = _____ | | | | |
| 4. OTHER FEE(S) | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | <u>Fees Paid (\$)</u> |
| Other (e.g., late filing surcharge): 1617 Search fee, examination fee or oath or ... | | | | | | | 130.00 |
| SUBMITTED BY | | | | | | | |
| Signature |  | | | Registration No. (Attorney/Agent) | 24,510 | Telephone | (202) 331-7111 |
| Name (Print/Type) | Morris Liss | | | Date | December 19, 2005 | | |

10/553400

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- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.496 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed on granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE

Morris Liss

NAME

CUSTOMER NUMBER: 30678

24,510

REGISTRATION NUMBER

| FEE VALUE | |
|---------------------|-------|
| ACCOUNTABILITY | |
| DEPOSIT ACCOUNT NO. | |
| 22 | 0185 |
| FEE | VALUE |
| 1632 | 500 |
| 1642 | 400 |
| 167 | 130 |
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01 FC:1617 130.00 DA